## State of Rhode Island Coastal Resources Management Council Oliver H. Stedman Government Center 4808 Tower Hill Road, Suite 3 Wakefield, RI 02879-1900

(401) 783-3370 Fax (401) 783-2069

## **PUBLIC NOTICE**

File Number:	2021-08-102	Date: _	September 21, 2021	
This office has	under consideration the application o	f:		
<b>Bristol County Water Authority</b>				
	450 Child S	treet		
	Warren, RI	02885		

for a State of Rhode Island Assent to remove the Lower Kickemuit Reservoir Dam and restore the Upper Kickemuit estuary. The project consists of the removal of the dam structure, shoreline stabilization, sediment management, and wetland restoration. Special Exceptions are required for dredging in Type 2 waters §1.3.1(I)(3)(b), filling in Type 2 waters §1.3.1(J)(3)(a) and alterations to coastal wetlands §1.3.1(L)(3)(b)

Project Location:	Lower Kickemuit Reservoir Dam
City/Town:	Warren
Plat/Lot:	13B 21 / 28 182
Waterway:	Kickemuit River

Plans of the proposed work may be seen at the CRMC office in Wakefield.

In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what law or laws, if any, would in their opinion be violated by the work proposed.

If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (with your correct mailing address, e-mail address and valid contact number) and be received at this office on or before October 21, 2021.

# Prepared for The:

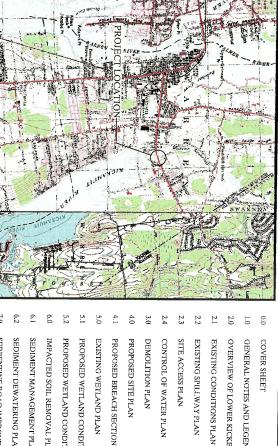
PERMIT SUBMISSION NOT FOR CONSTRUCTION

BRISTOL COUNTY WATER AUTHORITY

# LOWER KICKEMUIT RESERVOIR DAM REMOVAL (WARREN RESERVOIR LOWER DAM) RI/479

WARREN, RHODE ISLAND AUGUST 2021

# Drawing Index

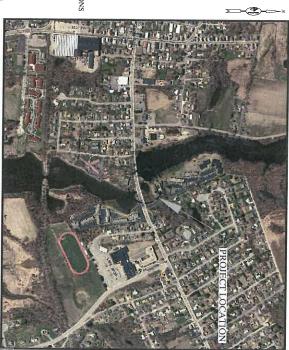


LOCUS PLAN

- GENERAL NOTES AND LEGEND
- OVERVIEW OF LOWER KICKEMUIT RESERVOIR
- EXISTING CONDITIONS PLAN
- EXISTING SPILLWAY PLAN
- CONTROL OF WATER PLAN SITE ACCESS PLAN
- DEMOLITION PLAN
- PROPOSED SITE PLAN
- EXISTING WETLAND PLAN
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- PROPOSED WETLAND CONDITIONS IMPOUNDMENT SECTIONS
- IMPACTED SOIL REMOVAL PLAN
- SEDIMENT DEWATERING PLAN SEDIMENT MANAGEMENT PLAN
- SERPENTINE ROAD IMPROVEMENTS
- MISCELLANEOUS DETAILS RECEIVED
- AUG 24 2021

CORPORATION Prepared ONTAL RESOURCES

Foxboro, Massachusetts



AERIAL PLAN
SCALE: 1" = 400"





## 19. THE CONTRACTOR SHALL MANTAN A SECURE SITE AND PROPOSE APPROPRIATE SAFETY MEASURES TO PROPERT MODERATS. THE SAFETY MEASURES WALL INCLUME, BUT NOT BE MOTE TO BARRICADES, FENCES, FLASHING WARRING LIGHTS, AND POLICING IF NECESSARY. EMERGENCY RESPONSE NOTES: GENERAL NOTES: UPON COMPLITION OF THE WORK ALL DETURBED ABOVE SHALL BE DRESSED MID SEEDED WITH SLOPE ON PROTINCE AND ACCOUNTING THE SHALL BE REQUIRED TO WATER SEEDED SLOPES ON A DWILY BASIS WITH. A BATIES ACTION STAND OF GAASS HAS DAYGLOPED. OR YORK OR DECHARIS, CHER THA HAT THEM, SHALL RE REFORDED WHIM WITLARS WITHOUT FRET RECEIVED ROTHER THAT REPORT RESPONDED TO THE WORK. CORTISACTOR SHALL BE RESPONSIBLE OR RESTRICTION OF REALT DIAMANER AS A TRESTLY OF UNAUTHORIZED WORK OR DECHARDS TO THE WITLARD AREA, AT NO ADMITTIONAL COST TO THE OWNER. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A CONSTRUCTION SCHEDULE TO THE OWNER WITHIN 3 DAYS OF THE PRE-CONSTRUCTION CONTERNECE. THE CONTRACTOR LICENSTRUCTION CONTRACTOR LICENSTRUCTION THE CONTRACTOR OF WORK. KEEDED AND AS REQUESTED BY THE OWNER THROUGHOUT THE CONSIL OF WORK. TOLOWING MY ACCIDINAL BELSES OF OIL OR HAZARDOUS WATERALS THE CONTRACTOR SHALL, AS SOON AS PACTICABLE, KONTY THE WARREN AND BRISTOL FUR DEPARTMENTS BY CALLING STIL CONTRACTOR SHALL ALSO NOTITY THE OWNER AND ENGINEER. CONTRACTOR SHALL THOROUGHLY WASH AND CLEAN EQUIPMENT PRIOR TO DELIVERY TO THE SITE TO AVOID TRANSPORT AND INTRODUCTION OF INVASIVE SPECIES. THE CONTRACTOR SHALL STOCKPIEL ALL SUITABLE MATERAL ERCONTREED DURING TOCKNITCH AND BEMOLTION ACTIVITY FOR REUSE. THE CONTRACTOR SHALL REPORT TREPS, COVERS, AND OTHER MEASURES. TO PROTECT STOCKPIELS FROM RECOMING SATURATED, PROZEN, DR OTHERWESE UNSUITABLE FOR REUSE. THE CONTRACTOR SHALL ATTEND WEEKLY PROGRESS MEETINGS IN ACCORDANCE TO SPECIFICATION SECTION 012001 PROJECT MEETINGS, UPON COMPLITION OF THE PROJECT, CONTINUED SHALL PROVIDE THE OLS SHILL PLAN SETS OF THE OWNER GETCHING ANY FELLO CHANGES OF DURISHOUND OF OUT ALL DURING OF OUT PROGRAMS OF THE CHANGES OF THE CHANGES OF THE CHANGES OF THE CHANGES OF THE ORDINAL DRAWNERS. THE CONTRACTOR SHALL STAGE ALL EQUIPHENT IN THE DESIGNATED STAGING AREAS, ALL GREASING AND REFLIELING ACTIVITIES SHALL OCCUR IN THE STAGING AREA, WHERE REFERENCE IS MADE TO ANY STAMPAGE SEREPATING IT SHALL KEAN THE MOST RECENT SECRETAINS, CODE, STAMPAGE, OR STEEM SECRETAINS OF REMOVED THE MEMORITOR RETERRATO TO AND CONTLICT, THE VARIE HOUR DEQUIREMENTS SHAND CODES SHALL OFFER. HEREE CODES INCLUDE, BUT AND HOT LIMITED TO: AMERICAN SOCIETY FOR TEXTING AND MATERIALS (ASTA). THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS OF ALL PERMITS FOR THE WORK. THE CONTRACTOR SHALL COORDINATE SCHEDULE WITH THE OWNER AND ANTICIPATED PERMIT ISSUE DATES. THE CONTRACTOR SHALL PROTECT ALL ADJACENT STRUCTURES AND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BEAUN OF ALL DAMAGE TO ADJACENT STRUCTURES AND UTILITIES AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESPOSAL OF ALL PROJECT DEMOLITION AND EXCESS MATERIAL IN ACCORDANCE WITH RHODE ISLAND, LOCAL, AND FEDERAL LAWS. ELEVATIONS REFERENCE NAVD 1988. HORIZONTAL DATUM REFERENCES NAD 1983. RELEASES OF REPORTABLE QUANTITIES SHALL BE REPORTED IN ACCORDANCE WITH THE PROVISIONS OF THE JOHNSCOR SHAL MARTAN ON SITE AND READLY AMAJASE, MATERIALS OF SETERIOR THE RAD GARRIER TO CHATAN MA COLORUM CORPECTE ASSERT RELASS OF THE OR OF MAY A NAMAWA SHIP WITH THE CHATAN MAY COLORUM CORPECTE LEARNE TO SEAR THE EXISTING OR REPORTED CHANGE. AND A 58 SALON COSTINICION SEE STAL OF STRALE FOR CORNINONE SYLLS ON WHO OR IN MATER. ALL CONSTRUCTION ACTIVITIES SHALL BE CONFINED TO THE LIMITS OF WORK AND TEMPORARY EASEMENTS DEFINED MEREIN. THE CONTRACTOR SHALL FOLLOW ALL CISH, AND OTHER APPLICABLE FEDERAL, STATE, AND LOCK-STANDARDS FOR ALL STREAMERT COMPARTS AND CAPTURES, THE CONTACTOR SHALL ME SOLELY RESPONSIBLE FOR ALL SITE SAFETY PROCEDURES AND PRACTICES REDARDLESS OF THE PRESENCE OF THE OWNER OR ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND REQULATING BASE AND STORM FLOWS IT ACCORDANCE WITH THE RIDEN "RULES AND REGULATIONS FOR DAM SAFETY" AND AS STATED WITHIN THE CONTRACT DOCUMENTS. INFORMATION READMENT THE LOCATION OF EMPRISHEN STREET, THE TAIL AND THE LAB OFFICE AND THE CONTRIBUTION OF THE CENTRE ON AN AND STREAMS OF THE CONTRIBUTION OF THE CENTRE ON AN AND STREAMS OF THE CONTRIBUTION OF THE CENTRE OFFICE OF THE CENTRE OF THE CENTRE OFFICE OF THE CENTRE OF THE CENTRE OFFICE OF THE CENTRE OFFICE OFFI CONSTRUCTION SHALL BE MADE FROM APPROVED SHOP DRAWINGS ONLY. DEFTHS AND THICKNESS OF THE SUBSURFACE STRATA INDICATED HEREIN ARE GENERALIZED AND INFORMATION SHOWN FOR THE DAM IS INTERPOLATED AND MAY YARY. OWNER -OTES, TPUCAL DETALS, AND SOKEDIES APPLY TO ALL WORK UNLESS OTHERWISE NOTED. FOR CONDITIONS NOT SPECIFICALLY SHOWER, PROVIDE DETALS OF SHALLAR HATURE, VERBY APPLICABILITY BY URBITHING SHOP DRAWINGS FOR REVIEW. CONSTRUCTION MOICHCE ON TREES PLANS SAUL BE PERFORMED IN JOCORDLANCE WITH THE LINEST TON OF THE PRODE ISLAND SATTE BILLIONING COOK, THE SPECIFICATIONS INCLUDED IN THIS CONTRACT, THE ROBEN OFFICE OF COMPAIANCE AND INSPECTION "BLUES AND REGULATIONS FOR DUM AUSTIT", SE PLANS ARE INCOMPLETE UNLESS ACCOMPANIED BY THE SPECIFICATIONS INCLUDED IN THE CONTRACT JULETIN. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS. PLANS SHALL NOT BE SCALED DIMENSIONS. PLAKS WERE EINFELDFED FROM TOMOGRAPHIC SURVEY CONDUCTED BY WEP USA INC. IN MARCH 2020 BATHWEITHE SURVEY BY PARE TRESONNEL LUNE AND LULY 2019. MAY DISCREPANCIES ON THESE US WITH MEADON TO MARKENINGS ON COMMINIONS SIALLE BEROUGHT TO THE ATTEMPON OF THE WEER BEFORE PROCEEDING WITH THE AFFECTED PORTION OF WORK. PARE CORPORATION 10 LINCOLN ROAD, SUITE 210 FOXBORO, MA 02035 I. MATTHEW BELLISLE, P.E. BRIAN M. DUTRA, P.E. BRISTOL COUNTY WATER AUTHORITY 450 CHILD STREET WARREN, RI 02285 DIVERSION NOTES: LOAM AND SEED NOTES: EROSION AND SEDIMENT CONTROL NOTES: WIN THE REPORT OF THE DESIGNAT THE CONTRACTOR HAVE THE WIN WITH WITHOUTH AND THE CONTRACTOR WIN THE WINDOWS OF COLOR HAVE AND GREAT COMMAN. AND CONTRACT LAWRENCE OF THE THE LAWRENCE (C. COMMENTE MAN CONTRACTOR HAVE CONTRACTOR HAVE COMMENTED WHICH COMMENTED WHICH CONTRACTOR HAVE COMMENTED WHICH COMMENT WHICH COMMENTED WHICH COMMENT WHICH COMMENTED WHICH COMMENTED WHICH COMMENTED W THE CONTRACTOR SHALL MANTAIN STREAM FLOW THROUGHOUT CONSTRUCTION, THE CONTRACTOR SHALL PROPERTYPHTING ANY SOIL OR OTHER MATERIAL FROM ENTERING THE DISCHARGE CHANNEL DR. IMPOUNDMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OFFSITE DISPOSAL OF ALL PROJECT DEHOLITION MATERIAL, TRASH, AND DEBRIS IN ACCORDANCE WITH THE LOCAL STATE LAWS. THE CONTRACTOR IS RESPONSIBLE FOR VERYING ALL EXISTING CONDITION IN THE FIELD PRICE TO ANY DEVOLUTION OF CONSTRUCTION, ANY DISCREPANCES RELATING TO THE DRAWINGS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY. UPON COMPATION OF THE WORK ALL INSTRUMED UPLAID AREAS SHALL BE RESEST AND SEEDS WITH IN ACCORDANCE WITH SECTION LOS OF THE REPORT ISLAND, STATE STANDAND, SWOTCHAIDNS, AND MAINTAINED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, UNILESS NOTED OTHERWISE. CONTRACTOR SHALL NSTALL JUTE MESH OVER THE ENTIRE SEEDED AREA IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS FOR OVERLAPPING, ANCHORING, AND DIRECTION OF PLACEMENT. THE COMPACTOR SHALL MANTAN A STOCKELE OF MATERIAL ORBITE TO BE UTILIZED TO STABILIZE. THE ECONATION IN THE CENT OF FIRST WHITEO AN OTHER COMMINES WHICH MAY COMPONIES. THE CONTRIBULIS STABILITY. THE STOCKELE SHALL BE AMERIKAND IN ACCORDANCE WITH A FROM THE DEBRECKY RESPONSE FLANT OR ED PELOPED BY THE CONTRACTOR AND SUBJECT TO APPROVAL BY THE ENGINEER AND OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LOSS AND DAMAGE DUE TO A FAILURE OF ANY COFFERDAMS OR DIVERSION STRUCTURES CONSTRUCTED DURING THE WORK. THE CONTRACTOR SHALL NOT PERFORM ANY DRAW DOWN OF THE IMPOUNDMENT UNLESS THEY HAVE RECEIVED WHITE PERMISSION FROM THE OWNER OR MUST EXECUTE EMERGENCY PROCEDURES OUTLINED IN THE CONSTRUCTION FLOOD CONTINGENCY PLAN. DENOLITION ACTIVITY SHALL CONFORM TO CURRENT HIS POLILITION CONTROL REQUILITIONS. THE CONTRACTOR SHALL INDEXENTE HEXAIDES TO ALLEYANTE DUSTS, AND ODOR MUSANCE COMUTIONS THAT MAY OCCUR DURING THE DEMOLITION ACTIVITIES. STAND OF HEALTHY GRASS AS DEFINED IN THE PROJECT SPECIFICATIONS (SECTION CARDS). ANTERWARDS THE STREAM SHALL BE RESPONSED. FOR MAINTAINING SEED AND THEORY AS MERCAPHOLOGICAL STALL BE RESPONSED. FOR MAINTAINING SEED AND THROUGH ONE CHARGAPH AND SEASON OF THE PROJECT SPECIFICATIONS (SECTION CARDS). AND SEASON OF THE PROJECT SPECIFICATIONS (SECTION CARDS). AND SEASON OF THE PROJECT SPECIFICATION SEASON. THE CONTRACTOR SHALL REGULATE DISCHARGES AND PHASE CONSTRUCTION SO THAT CONSTRUCTION MATERIAL DOES NOT PASS THROUGH FLOWING WATER. CONTRACTOR SHALL MULCH ENTIRE SEEDED AREA WITH STRAW MULCH. CONTRACTOR SHALL SEED ALL LOAMED AREAS AND OTHER AREAS DISTURBED BY THE WORK AS INDICATED IN THE PROJECT SPECIFICATIONS. THE WORK IS MELECT TO A NATIONAL POLITIANT DESCRIBED, ELHOWEDDE STETEL PERMIT AS ROUMED BY THE CHROMOSTHAL PROTECTION AREASY (TABLE) ADMINISTRATION REPORTANT PROMISE THE OFFICIAL PROPERTY AS THE PROPERTY OF THE CHROME OF THE C UPDN COMPLETION OF THE PROJECT AND PERMANENT STABILIZATION OF THE GROUND SUBFACE, ALL SEDIMENT CONTROL BARNERS SHALL BE REMOVED AND DISPOSED OF IN AN APPROPRIATE FASHION, CONTRACTOR SHALL APPLY FERTILIZER AND LOAK TO PREPARED TOPSOIL SURFACE AT THE RATES INDICATED IN THE PROJECT SPECIFICATIONS AND AS OTHERWISE RECONNENDED BY THE SOIL CHEMICAL ANALYSIS. SOIL EROSOM AND SEDIMENTATION CONTROLS SMALL BE PROVINCE IN ACCORDANCE WITH THE "RHOOK ISLAMS SOIL EROSON, AND SEDIMENT CONTROL HANDOOK!" THE SITE SPICIFIC SWIPP PREVAICE FOR PROJECT, AND THE HOTES AND DETAILS SHOWN IN THIS PLAN SET. THE COMPANIED SHALL BE REPORTED TO EXTLOY AMAPTIC MEASURES AS RECESSANT TO LIFE DECISION EXCEPT. THE WELLETION OF SEXUACIFY SHOULD SEED OCCUPIED AND ASSOCIATION OF THE REPORT OF SEXUAL IN DURING SHEEP AS RECOVERED BY THE REPORT OF SEXUAL IN DURING SHEEP AS RECOVERED AS THE REPORT OF SEXUAL IN DURING SHEEP AS RECOVERED AS A TOTAL OF SEXUAL IN DURING SHEEP AS A SEXUAL OF SEXUAL IN DURING SHEEP AS A SEXUAL OF SEXUAL OF SEXUAL IN DURING ADDRESS OF SEXUAL O CONTRACTOR SHALL INSTALL STRAW BALES AND SILT FENCE AS INDICATED IN THE CONTRACT DOCUMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SEDIMENT CONTROL DEVICES, STONE ANTI-TRACKING PADS SHALL BE UTILIZED AS NECESSARY TO PREVENT VEHICLE TRACKING OF SEDIMENTS ONTO PUBLIC ROADWAYS. SEDIMENT SHALL BE REMOYED AND DISPOSED BEFORE IT EXCEEDS 1/2 THE ORIGINAL EXPOSED HEIGHT OF THE BARNER. THE CONDITION OF THE SEDWENT CONTROL BARBERS SHALL BE MONITORED DN AN ON-ODING BASIS, AT MINIMUM OF ONCE FER WEEK AND ATTER ANY BANKFALL L'EVENT IN EXCESS OF 0.25" IN 24 HOURS. ANY FAILURE OF THE BARRIER SHALL BE CORRECTED WITHIN 24 HOURS OF DISCOVERY. THE LOCATION OF SEDILENT CONTROL BARBLES SHOWN IS COMSIDERED TO BE THE MINIMUM ACCEPTABLY AND SHALL BE MODIFIED, SUPPLIMENTED, ON EXPLANDED BY THE CONTRACTOR AS FIELD CONDITIONS WARRANT. CONTRACTOR SHALL LIMIT STOCKPILING OF MATERIALS TO THE INDICATED STAGING AREAS. ALL STOCKPILES MATERIAL SHALL BE SURROUNDED BY STRAW BALES AND SILT FENCE. SEDUELY CONTROL BARRIES SHALL CONSIST OF SILT FENCE, STRAW BALES, SILT FENCE BACKED BY STRAW BALES, AND/OR STRAW WATLES AS FIELD CONDITIONS WARRANT. PROJECT ENGINEER SHALL APPROVE THE BARRIER TYPE. KCESSAMY CONTROMAS AND INCESSOMS SHALL BE DESCRED BY THE CONTRACTOR AND BACK STAMP OF A PORTESSOMS ENGINEED IN THIS STATE OF PRODE ISLAMD, APPROVAL BY OWNER AND ENGINEER IS REQUIRED PROOR TO INSTALLATION, ALL DIVERSIONS SHALL BE INSTALLED RADGED IN THEIR PRINTERLY AND ADDITIONAL COST TO THE OWNER. 15. INSTALL TIDAL GATES TO SERPENTINE ROAD CULVERTS. INVASIVE SPECIES MONITORING NOTES: 13. PLACE STABILIZATION STONE WITHIN CHILD STREET CULYERT. HE FOLLOWING SEQUENCE IS INTOSED TO BE EXERCE IN HATHER AND SHALL NOT BE CONSIDERED DIRECTION BY HE EMPACED OR THE OWNERS. HOWER IT BE UNITED THE WORK THAN HELD OWNERS AND EXCENSIVE STANDIETS. AND LAW HIST OCCUSIONATION SEQUENCES FOR HEL WHOUSE PROLECT COMMANDERS AND EXCENSIVE STANDIETS. AND LAW HIST PROLECT PLANS AND SPECIFICATIONS. CONSTRUCTION SEQUENCE: THE INVASIVE SPECIES MONITORING WILL BE IMPLEMENTED WITHIN THE LIMITS OF DISTURBANCE FOR THE DAM REMOVAL AND TO THE APPROXIMATE BOUNDARY OF THE FORMER IMPOUNDMENT. ADMIORNO SHALL BE OVERSEEN BY A DALIFED WEILANDS SPECIALIST WITH EXPERIENCE IDENTIFYING AND MANAGING INVASING PLANT SPECIES IN THE MORPHLASTERN UNITED STATES, DOCUMENTATION OF SUCH QUALIFICATIONS SHALL BE SUBMITTED TO THE ENGINEER FOR APPREVAL. MONITORING FOR INVASIVE PLANT SPECIES WILL COMMENCE AS SOON AS POND DRAW DOWN IS COMPLETE. THIS MAY BE IN ADVANCE OF THE PHYSICAL REMOVAL OF THE DAM. CONTRACTION SHALL BE RESPONSIBLE FOR IMPLICIFICING A MONTROBEC PROGRAM AS PART OF THE BASE SCOPE OF WORK. SHOULD INVESTMENT SETTINGTHE BE REQUIRED. HTS SCOPE OF WORK SHALL BE INDIFFRED BY THE CONTRACTION AND COMPLETED THROUGH CHANGE DROLE OR AS OTHERWISE DEDUCD APPROPRIATE. D. COMTROL NEASURES NAY INCLIDE PAYSICAL AND/OR CHENICAL TREATMENT OF THE COLONIZATION. E. PHYSICAL TREATMENT NAY INCLIDE CUTTING OR PULLING INDIVIDUAL PLANTS, OR REMOYING ROOT SYSTEMS. 8. FOR TWO GROWING SEASONS FOLLOWING IMPOUNDMENT RESTORATION, MONITORING AND CONTROL SHALL BE CONDUCTED MONTHLY FROM JUNE THROUGH SEPTEMBER. POST-CONSTRUCTION MONITORING & CONTROL: PRIPTIAL MYANYE AAM SPECES OF CHACEM AT THE SITE MOLLES PURPLE LOCKSTRIPE (THIS ME MICHAEL). COMMON RETO (PHOMAGINE AUSTRALS), REED CHAMPE ORANG (PRALARE AUMRACHA), DECENT MEATHON, GHOMAGINE TRANICILA), TALOW HIS (HIS PRELIDOCOMUS), MILITIONA ROSE (ROCA MILITRIONA), AND JAPANESE BARRERY (ERBRIERS TRANISCION). RESTORE THE SOUTHERN SHORELINE WITH NATIVE COASTAL PLANTINGS. RESTORE REMAINING DISTURBED TERRESTRIAL AREA WITHIN THE PROJECT LIMITS. REMOVE DOWNSTREAM COFFER DAM. CONDUCT ANY FINAL SEDIMENT CLEAN UP AS NEEDED TO ENSURE PROPER SEDIMENT REMOVE THE ENTIRE UPSTREAM COFFER DAM. COMPLIE SDINKEN MIGATION BY LOYERING THE UPSTEAM AND DOWNSTREAM COFFEE DAY IN STACES, ACCHANICALLY DECOME MUBILIZOR SEQUENTY WITHIN THE BASIN COORDING TO THE DREDGE LIMITS SHOWN ON SHEET 6.1, DEWATER, AND DISPOSE OF MATERIAL BETWEEN EACH STAGE. DEMOUSH AND REMOVE THE DAM SPILLWAY, TIDE GATES, TRAINING WALLS, AND FISHWAY. SHAPE AND GRADE THE CHANNEL UP TO ELEVATION 1.0. ADJUST DOWNSTREAM COFFER DAM TO STAGE 3 ORIENTATION AND SET TO ELEVATION 1.D. RRUSE MATERIAL EXCAVATED FROM AROUND THE DAM TO STABILIZE AND REGRADE THE SOUTHERN SHORELINI ALONG CHILD STREET. REMOVE THE STAGE 1 UPSTREAM COFFER DAM AND INSTALL AN UPSTREAM COFFER DAM IN THE STAGE 2 COFFER DAM COMPOURATION TO ELEVATION 5.0. INSTALL COFFER DAMS IN THE STAGE 1 ORIENTATION AND INSTALL TWO, 30" DIAMETER, TEMPORARY DIVER PIPES ALONG THE SOUTHERN SIDE OF THE DAM. Hydraulically remove the upper 0 to 12 inches of sediment from two discrete areas identified in the lower kickendit reservoir, deviater and dispose of at a licensed facility. ESTABLISH CONSTRUCTION ACCESS, INSTALL ENOSIGN CONTROLS, AND TRAFFIC CONTROL SIGNAGE THROUGHOUP PROJECT SITE. DOCUMENTATION OF MONITORING AND CONTROL ACTIVITIES SHALL BE SUBMITTED MONTHLY TO THE PROJECT OWNER. COMBINATION TREATMENT MAY INCLUDE 'CUT AND PAINT' METHODS. CHEMICAL CONTROL MAY BE ACCOMPLISHED BY USING A SHORT-LIFE HERBICIDE SUITABLE FOR USE IN AN AQUATIC ENVIRONMENT. SHOULD INVASYE COLONIZATION BE DECONTEED, COMPBC, LEASURES SHALL BE MPERIFIED INVESTATES CONTROL MEASURES SHALL BE SPECIATION OF THE CONTROL MEASURES SHALL BE SPECIALIST RESPONSIBLE FOR MONTGENER AND SHALL BE DETERMINED BY THE COLLIFIC WETLANDS SPECIALIST RESPONSIBLE FOR MONTGENER. FOLLOWING IMPOUNDMENT RESTORATION, MONITOR AND CONTROL CINCE PER MONTH FOR THE REMAINDER OF THE FIRST GROWING SEASON. (TO BE COMPLETED BY CONTRACTOR) 0 EXISTING EL -3.0 F-2.44 MEAN LOWER-LOW WATER (MILW) EL. 0.0 EL 1.0 EL 2.0 EL 3.0 EL 5.0 EL 6.0 EL. 8.0 EL 9.0 DATUM\_INFORMATION NOAA VDATUM (41.724059, -71.2630043) EL 10.0 EF 11.0 EL -2.0 EL -1.0 EL 4.0 EL 7.0 EL 12.0 ABBREVIATIONS D/S = DOWNSTREAM U/S = UP STREAM EMB = EMBANKMENT ENG = ENGINEERED CP = CONTROL FOINT RO - - -STATE JOHNAY THE CANCEL TO CONTROL & TURBIDITY BARRIE CONC CONCRETE BLOCK STRAW STRAW BALES SILT SILT FENCE RAD REMOVE & DISPOSE LOD LINIT OF DISTURBANCE CD142 COFFER DAM PRESENT DURING ORIENTATION NOS. 1 AND 2 CDZ COFFER DAM ORIENTATION NO. : CDT COFFER DAM ORIENTATION NO. ABAN ABANDON \_\_+3.00 ORDINARY HIGH WATER (OHW) (NORMAL POOL) -+12.00 FEMA FLOOD ELEVATION (ZONE AE 12) +0.00 NAVD 88 -0.26 LOCAL MEAN SEA LEVEL (LMSL)

PERMIT SUBMISSION NOT FOR CONSTRUCTION -+3.55 HIGH TIDE LINE (HTL)
HIGHEST PREDICTED TIDE IN 2020
CONAMICUT LIGHT HOUSE +2.28 MEAN HIGHER-HIGH WATER (MHW) No. 1587 GENERAL NOTES AND LEGEND REGISTET YOU (CIVIL) 1.0 يو تو يو

LOWER KICKEMUIT RESERVOIR DAM REMOVAL RI / 479 WARREN, RHODE ISLAND

PROPOSED

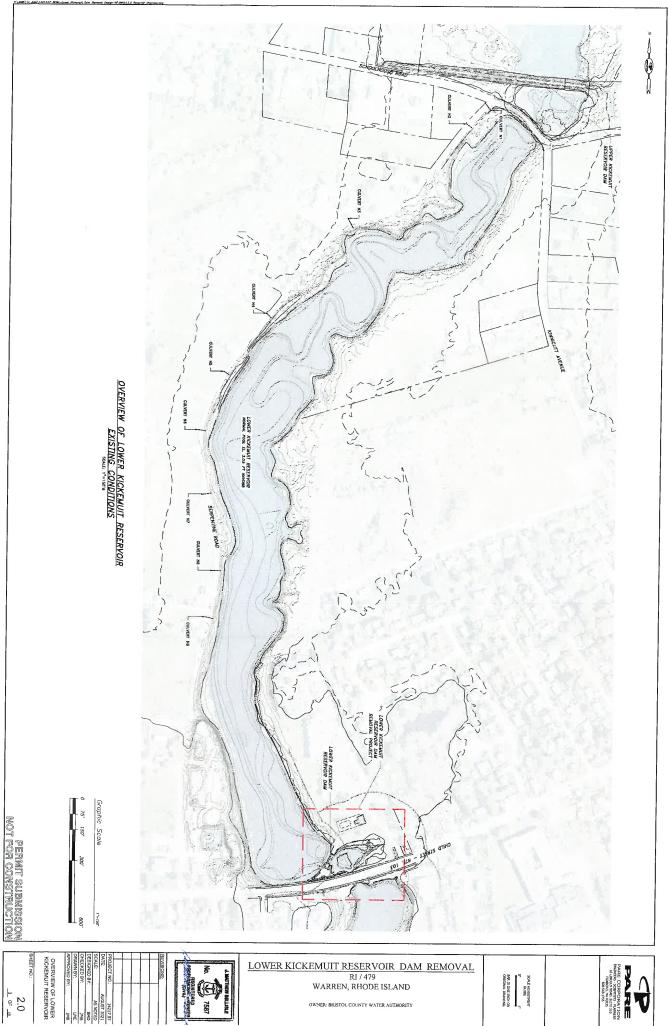
PAIR!

1

SCALE ADJUSTMENT
GUIDE

1\*
BAR IS ONE INCH ON
ORIGINAL DRAWNING.

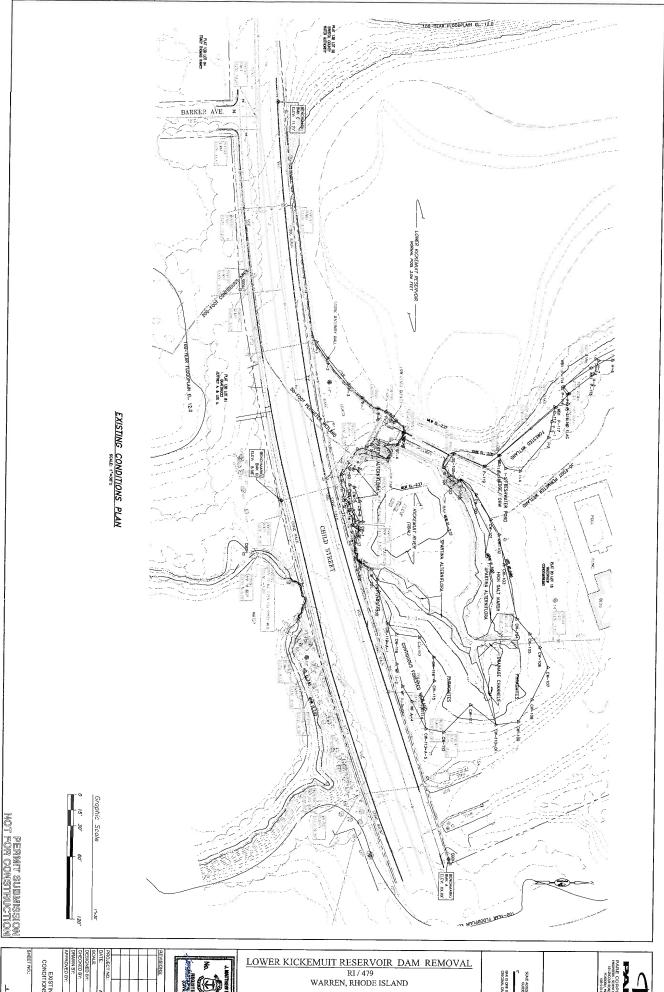
- BLOW OFF



2.0 يا تو يه



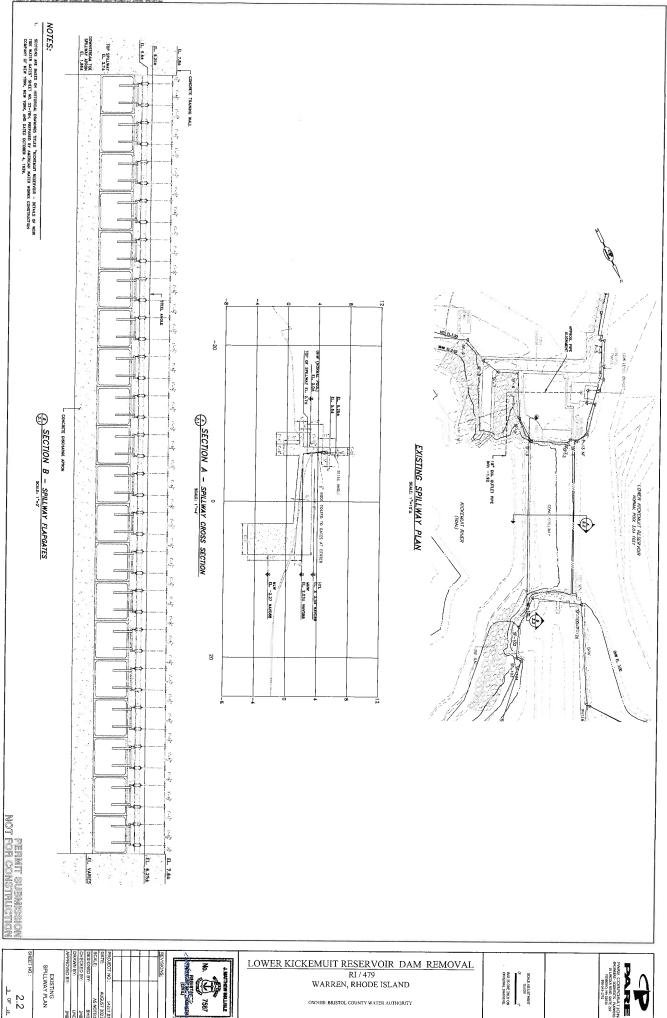




EXISTING CONDITIONS PLAN 2.1



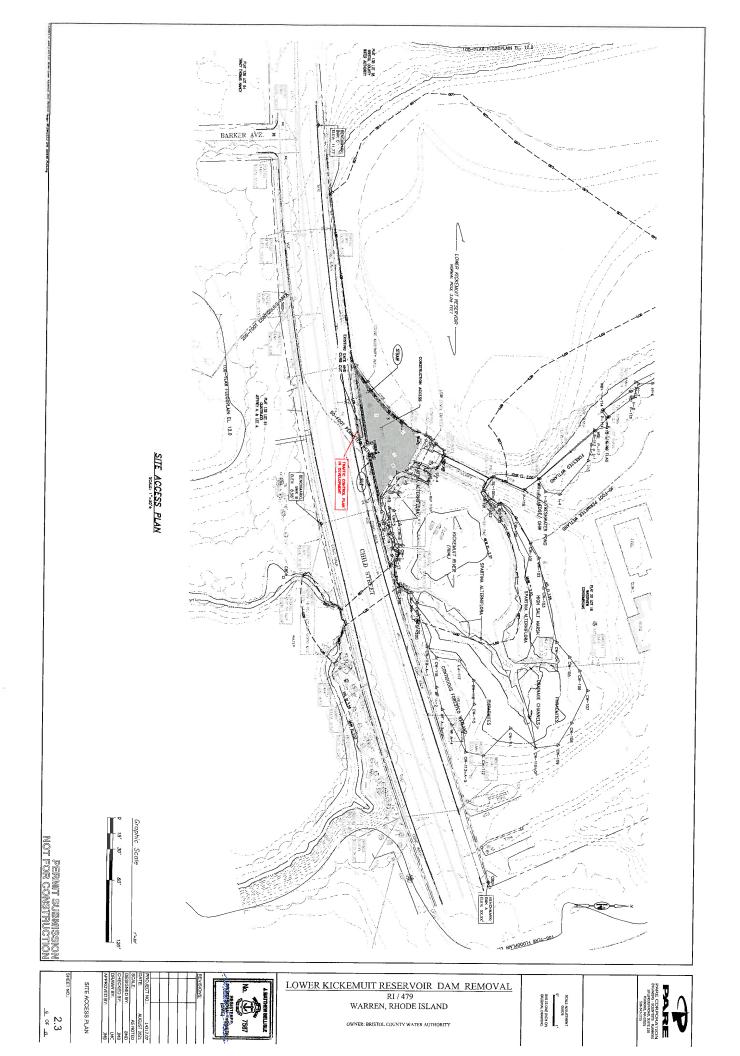


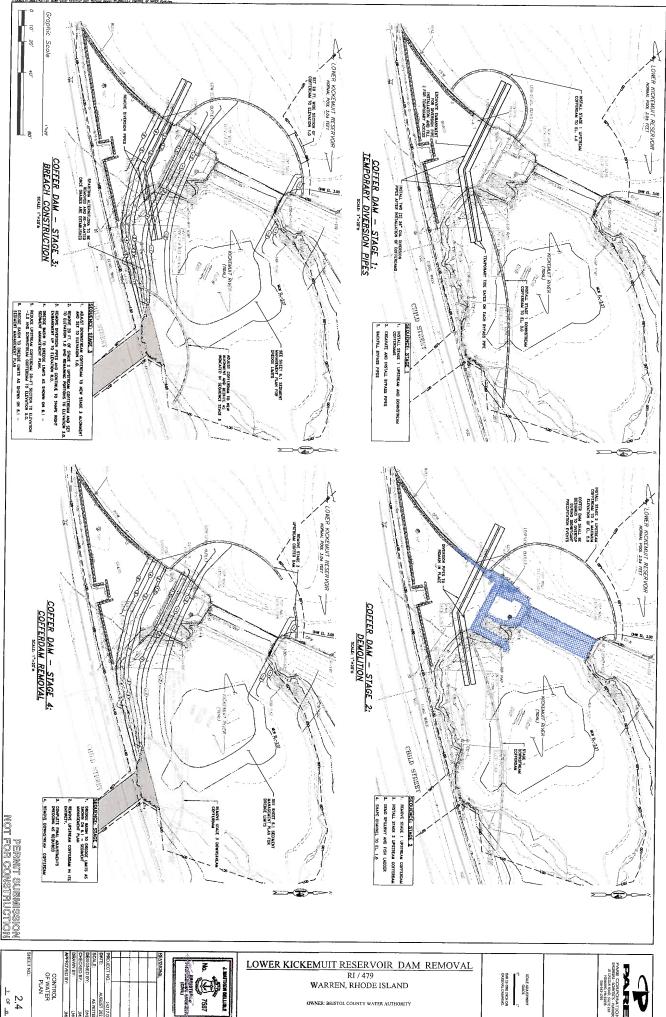






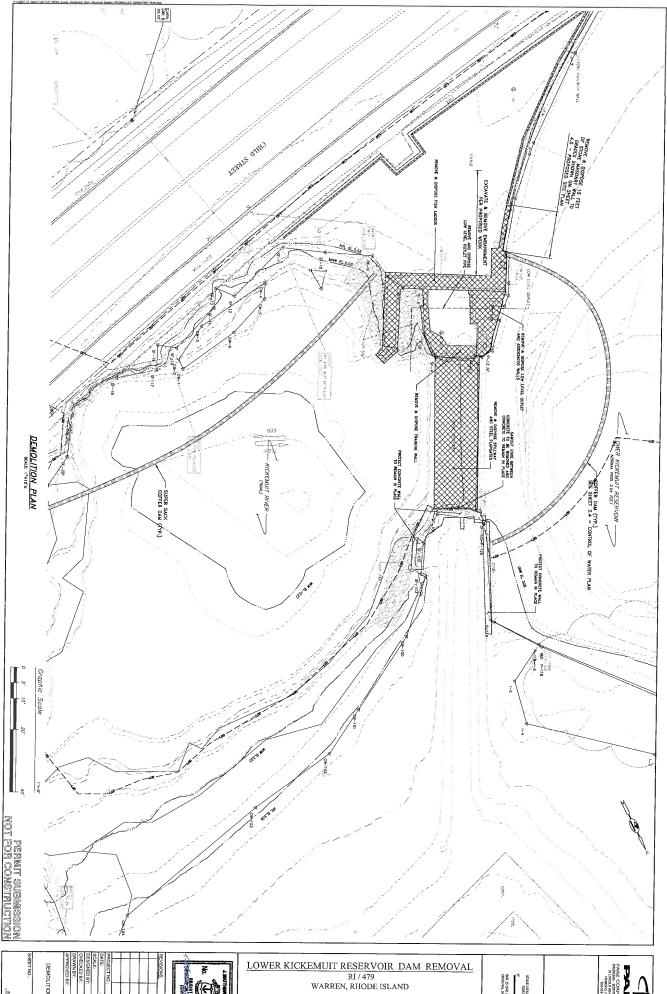








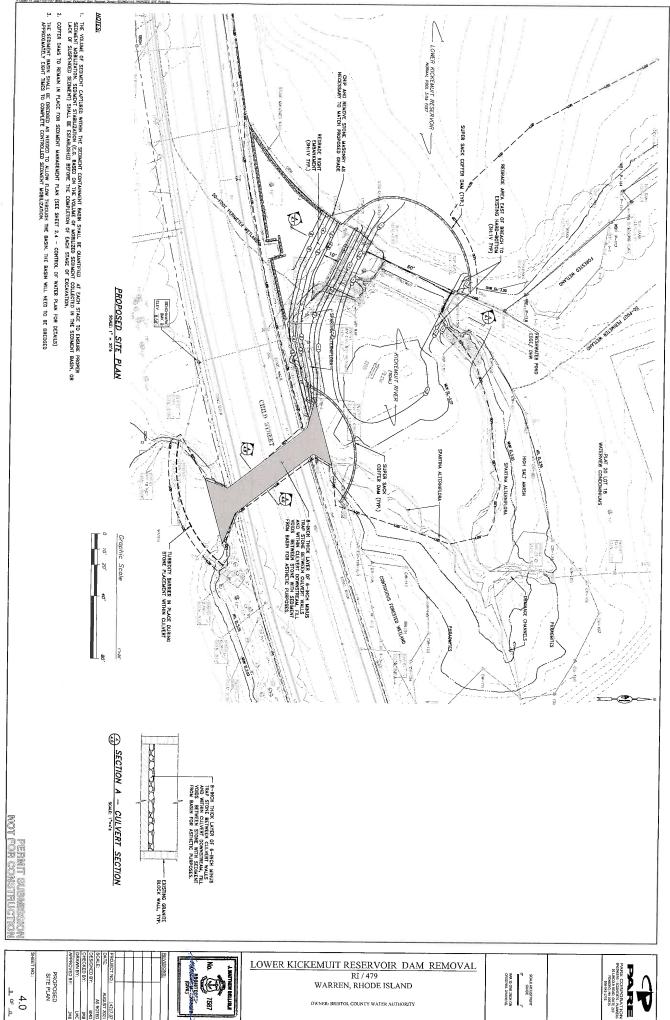




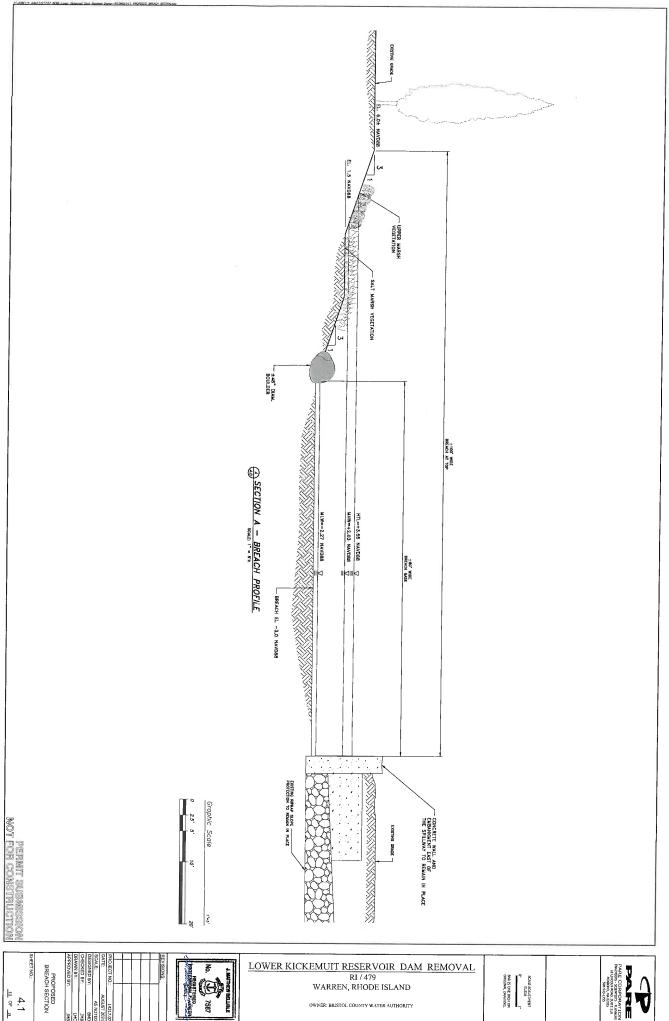
DEMOLITION PLAN No. 7587 3.0 \* of #



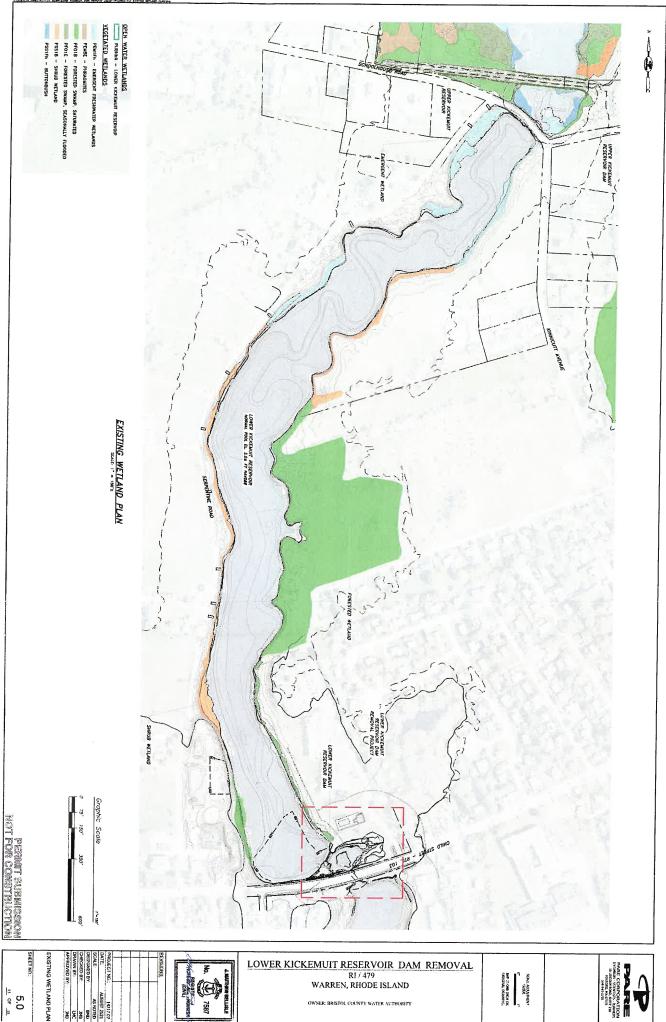




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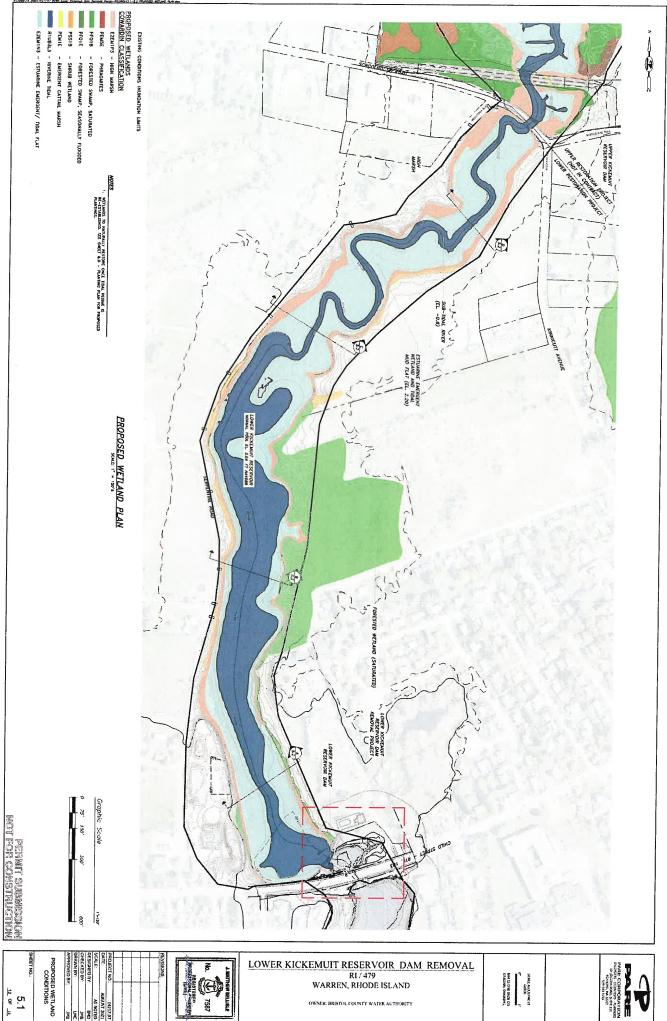
OCHE ADJUSTMENT
OF GUIDE















-180 -160 -160 -160 -140 140 -140 -120 -120 -120 -120 -100 -100 -100 M. T. Jan M(M EL -2.27 E -80 -80 -B0 D EXZING KONGAL POOL CONN EL 3.05 M.W.EL -2.27 Q -60 -60 -60 -60 MHW EL 2.03 40 40 40 S EXIZING MORNAL POOL (OHM) EL 3.04 140 20 k

SECTION C - 32+30

SOLIT MESS 1-25

WERT 1-25 WHY EL 2.03 CHOSS-SECTIONAL MEA.
OF MOBILIZED SEDIMENT = 32.25 SE -20 0 20 40 60

<u>SECTION D - STATION 48+38</u>

<u>SOLIE 1993; 1"=30"</u>

VERT: 1"=3" HORNY POST (0819) IL 3.03 SECTION B - STATION 17+20
SOLE: HORE: 1"=20"
VERT: 1"=2" -20 0 20 40

SECTION A - STATION 6+65

SOALE NOREZ 1"-20"
VERT: 1"-5" A FREING MODIAL LOOP (OHW) FT 3'97. CROSS-SECTIONAL AREA
OF MOBILIZED SEDMENT = 28 SF EXISTING HARD B
L EXISTING HARD LINE
PROPOSED CHANNEL PROPOSED CHANNEL PROPOSED CHANNEL OF MOBILIZED SEDIMENT = 20.5 SF 20 6 EXISTING HARD BOTTOM L EXISTING 60 60 60 60 MOTTON MOLLOR 80 8 80 BO 100 100 100 100 120 120 120 120 ŧ 140 140 160 160 180 NOT FOR CONSTRUCTION PROPOSED WETLAND
CONDITIONS
IMPOUNDMENT SECTIONS

No. 7587

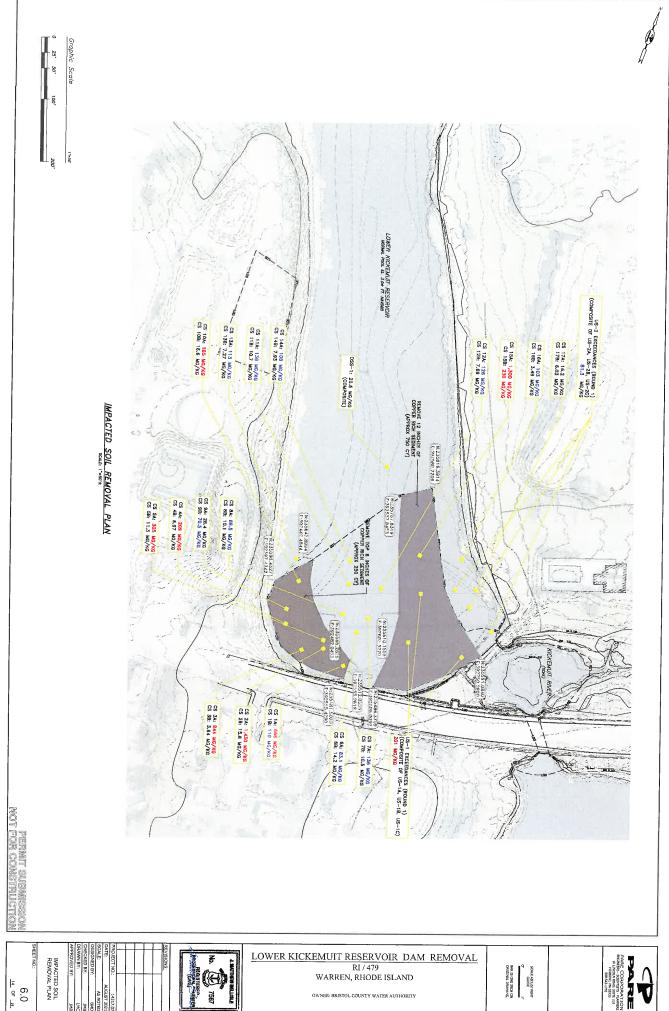
5.2

LOWER KICKEMUIT RESERVOIR DAM REMOVAL RI / 479 WARREN, RHODE ISLAND

OWNER: BRISTOL COUNTY WATER AUTHORITY

SCALE ADJUSTMENT
OF GUIDE
ONIGINAL DRAWFING.
ONIGINAL DRAWFING.





No. 1587

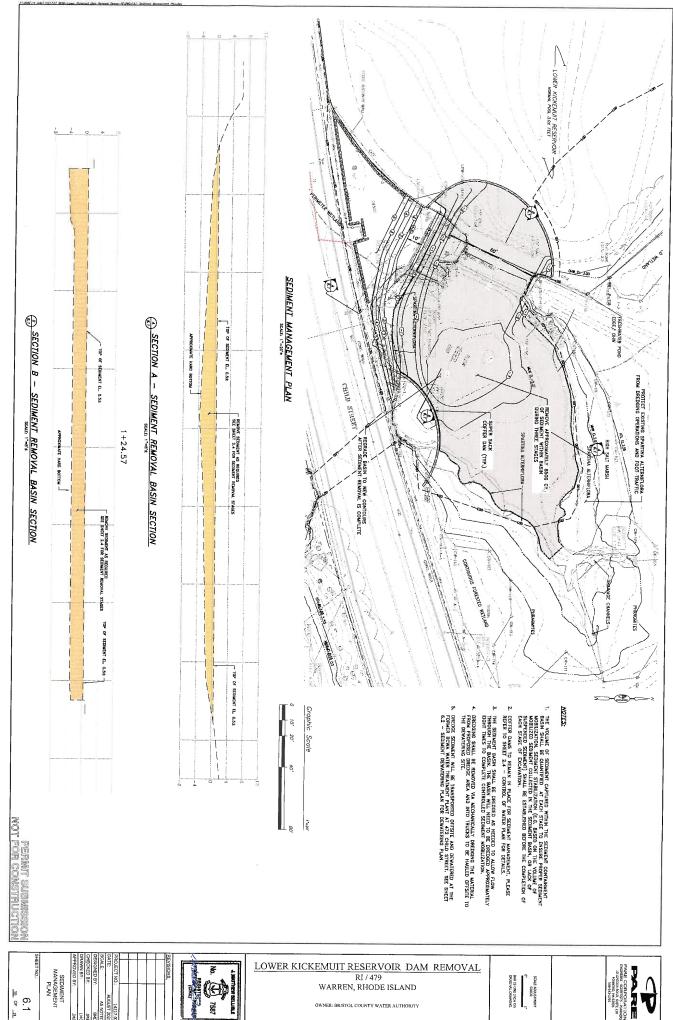
SCALE ADJUSTMENT
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SCALE ADJUSTMENT
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BAR IS DNE INCH ON
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0 N:235910.3426 E:392185.0440 SEDIMENT DEWATERING PLAN 6-INCH LAYER OF CRUSHED STONE ALLICE TO THE TANK OF THE TANK 253, 2061 SEDIMENT TO BE DEWATERED AND DISPOSED OF OFFSITE 4:236048.1400 6:392274.2503 WETLAND EDGT MESERVOR EDGE NOTES: THE SEDIMENT BASIN SHALL BE OREDGED AS NEEDED TO ALLOW FLOW IHROUGH THE BASIN. THE BASIN WILL NEED TO BE DREDGED APPROXIMATELY EIGHT TRACS TO COMPLETE CONTROLLED SEDIMENT MOBILIZATION. DREDGE SEDMENT WILL BE TRANSPORTED OFFSITE AND STOCKPILED AT THE FORMER BOYA WATER TREATHENT PLANT AT 472 CHILD STREET, SEE SHEET 6.2 — SEDMENT DEWATERING PLAN STOCKPILED SEDMENT MAY BE USED FOR OFFSITE MITIGATION. COFFER DAMS TO REMAIN IN PLACE FOR SEDIMENT MANAGEMENT, PLEASE REFER TO SHEET 2.4 — CONTROL OF WATER PLAN FOR DETAILS.

NOT FOR CONSTRUCTION

6.2

SEDIMENT DEWATERING PLAN

SECTION A - DEWATERING BASIN SECTION

THE 2 GEORETHE TO DINAN

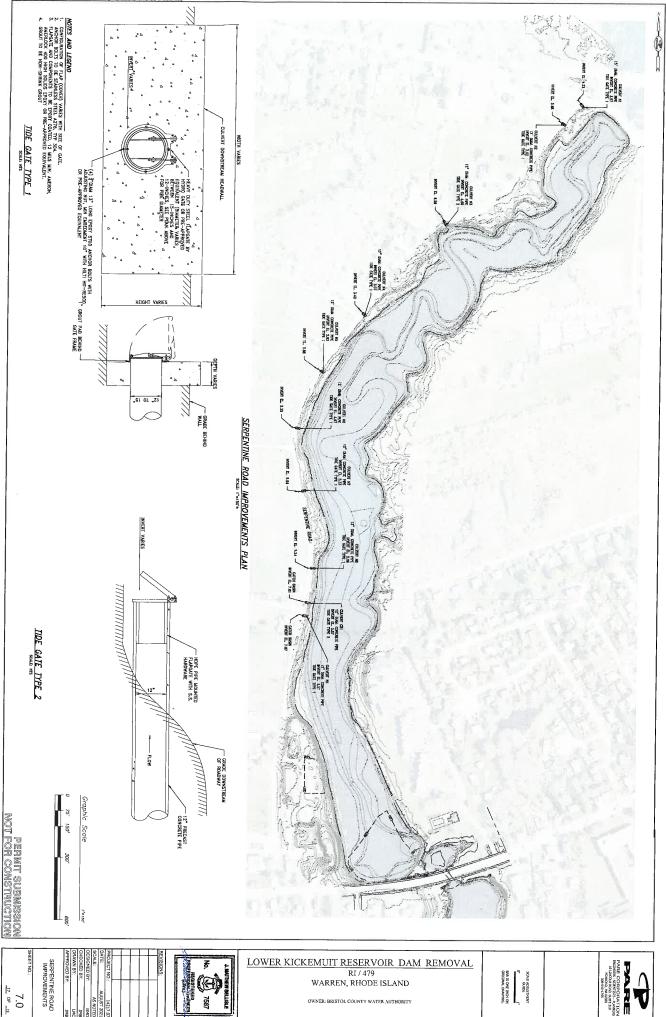


LOWER KICKEMUIT RESERVOIR DAM REMOVAL RI / 479 WARREN, RHODE ISLAND

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SEDIMENT DEWATERING PLAN OVERVIEW

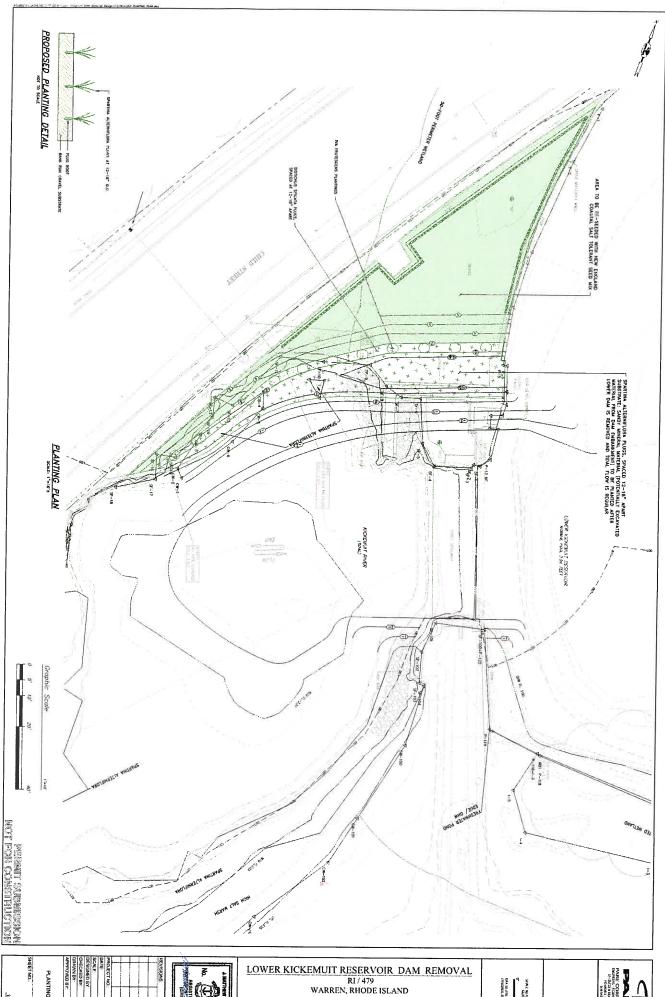




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No. 1587 PLANTING PLAN 8.0 # of #





